

Summary

The invention relates to a shaft prosthesis having a modular system that is anchored in the proximal cement cavity by means of a conically axial tension anchor. The stem segments and base segments may be of various lengths.

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Modular Revision Prosthesis

- Fig. 01 NPS modular system projected into a femur
- Fig. 01/100 Stem segments
- Fig. 01/100.1 Metaphysial segment
- Fig. 01/100.2 Diaphysial center segment
- Fig. 01/100.3 Base segment
- Fig. 01/101 Offset = intermedullary canal axis center of rotation
- Fig. 01/102 Tip of the base segment
- Fig. 01/103 Axial cylinder of the base segment
- Fig. 01/105 Contact surface of segments (base segment and stem segment)
- Fig. 01/106 Hole in stem segment
- Fig. 01/110 Access hole
- Fig. 01/130 Intermedullary canal axis
- Fig. 01/200 Shoulder of prosthesis
- Fig. 01/300 Cone of prosthesis
- Fig. 01/50 Thrust anchor
- Fig. 01/51 Screw head
- Fig. 01/54 Washer
- Fig. 01/55 Cone nut
- Fig. 01/60 Tension anchor screw
- Fig. 01/70 Tension anchor
- Fig. 01/71 Hole in the shoulder of the prosthesis for tension anchor
- Fig. 02
- Fig. 02/104 Transition segment between the lateral portion and the medial portion of the prosthesis cross section in the metaphysial segment
- Fig. 02/108 Convex-concave-convex curvature of the dorsal outer surface
- Fig. 02/109 Metaphysial segment, lateral portion
- Fig. 02/110 Metaphysial segment, medial portion
- Fig. 02/111 Convex curvature of ventral outer surface
- Fig. 02/112 Hole along the channel axis in the lateral segment
- Fig. 02/113 Thrust anchor hole
- Fig. 03 NPS modular system projected into a femur
- Fig. 03/100 Stem segments

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Fig. 03/100.2	Diaphysial center section
Fig. 03/100.3	Base segment
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Fig. 03/103	Axial cylinder of the base segment
Fig. 03/105	Contact surface of segments (base segment and stem segment)
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Fig. 03/70	Tension anchor
Fig. 03/71	Hole in the should of the prosthesis for the tension anchor